

Composite Photocathodes Based on Gold, by

P. G. Berzyak.

RUSSIAN, per, Trudy Instytut Fizyky Akad Nauk URSS,

Vol VII, 1956, pp 35-43.

CFSTI T: 64-71447

Sci-

Apr 67

322,9845

Balabushevich, I. A.  
ON THE PROBLEM OF THE CLASSIFICATION OF  
MAGNETIC AND GRAVITY ANOMALIES. [1961]  
[22]p. 3 refs. ACIC G-12.

Order from OTS: SLA \$2.60

61-28843

Trans. of Akadem. ya Nauk BSSR [Minsk]. Institut  
Geologicheskikh Nauk. Trudy, 1958, v. 1, p. 108-118.

DESCRIPTORS: \*Geology, Geophysics, Magnetic  
properties, Magnetism, \*Magnetic fields, \*Gravity,  
Classification.

A scheme, first discussed in 1957, for the establish-  
ment of a unitary system of classification of magnetic  
and gravity anomalies which would reflect the geologi-  
cal essence of a given distribution of the respective  
field elements is discussed. The proposed classifi-  
cation must be similar to the breakdown of geological  
(Earth Sciences--Geology, TT, v. 7, no. 6) (over)

61-28843

- I. Balabushevich, I. A.
- II. ACIC G-12
- III. Aeronautical Chart and  
Information Center,  
St. Louis, Mo.

Office of Technical Services

Panshin, I. B.  
 THE ANALYSIS OF A BILATERAL MOSAIC  
 MUTATION IN DROSOPHILA MELANOGASTER  
 (Analiz Dvustoronnio-Mozaichnoi Mutatsii u  
Drosophila Melanogaster). 1962, Sp. 5 refs.  
 PL-480 HEW

Order from OTS \$4.50

61-11475

Trans. of Akademiya Nauk SSSR. Institut Genetiki.  
 Trudy, 1935, v. 10, p. 227-232.

DESCRIPTORS: \*Mutations, \*X rays, \*Mitosis,  
 Genetics, \*Radiation effects, Spermatogenesis, Eyes,  
 \*Chromosomes, Drosophila.

The present paper describes a case of simultaneous  
 origination of two different allelomorphs of a lozenge  
 gene, in two halves of a split X-chromosome of a  
 spermatozoon. (Author)

(Biological Sciences - Zoology, TT, v. 7, no. 10)

61-11475

- I. Title: Allelomorphs
- I. Panshin, I. B.
- II. PL-480 HEW (61-11475)
- III. National Science Foundation,  
 Washington, D. C.

CIA 61-11475

Office of Technical Services

Hereditary Changes of Physiological Characteristics  
in Drosophila Melanogaster, by G. B. Medvedeva,  
I. A. Neshayev, 13 pp.

RUSSIAN, Ser. Trudy Inst Genetiki Ak Nauk SSSR,  
No 13, 1950, pp 247-259. 9089777

OTS 61-11474  
PL-480

Sci - Biol

Aug 62

PST 535

207,534

Effect of the Introduction of Heterogenic Blood in Hens Upon  
Their Offspring, by E. V. Tolokornikova, I. G. Moiseeva, 13 pp.  
RUSSIAN, per, Trudy Inst Genetiki Ak Nauk SSSR, No 24,  
1958, pp 372-384.

OTS 63-11046  
PL-480

Sci - Biol & Med Sci  
Mar 64

250,901

Pomerantseva, M. D.  
THE EFFECT OF NARCOSIS ON THE RADIATION  
REACTION IN ANIMALS (Vliyanie Narkoza na  
Luchevuyu Reaktsiyu u Zhivotnykh). [1961] 2p.  
Order from OTS or SLA \$1.10 61-28664

Partial trans. (summary, p. 423-424) of [Akademiya  
Nauk SSSR]. Institut Genetiki. Trudy, 1958, v. 24,  
p. 409-425.

DESCRIPTORS: \*Animals, \*Radiation effects, \*Radio-  
protective drugs, Radiation injuries

(Biological sciences--Radiobiology, TT, v. 7, no. 7)

61-28664

1. Title: Narcosis  
1. Pomerantseva, M. D.

Office of Technical Services

Reaction of the Organism to Roentgen Irradiation  
During Narcosis and Sleep, by M. D. Pomerantseva.

RUSSIAN, per, Trudy Inst Gen No 24, 1958, pp 426-434.

\*Navy/NMS

Sci - Med

23 Jan 62

Kuznetsova, N. N.  
DISTANT (REMOTE) EFFECT OF IRRADIATION IN  
ROENTGEN INJURIES ON MAMMALS (Distantionnoe  
Deistvie radiatsii pri Luchevom Porazhenii  
Mlokopitnyushchikh. [1961] 2p.

Order from OTS of SLA \$1.10

61-28667

Partial trans. (conclusions, p. 444-445) of [Akademiya  
Nauk SSSR Inst[itut] Gen[etiki]. Trudy, 1958, v. 24,  
p. 435-438.

DESCRIPTORS: \*Radiation effect, \*Animals, Leuke-  
penia, \*X-rays, Mammals.

(Biological Sciences--Rad biology, TT, v. 7, no. 4)

61-28667

I. Kuznetsova, N. N.

Office of Technical Services



Kuznetsova, N. N.  
ON "TOXIC" SUBSTANCES WHICH APPEAR IN THE  
BLOOD OF ANIMALS FOLLOWING THE EFFECT OF  
IONIZING IRRADIATION (O "Toksicheskikh"  
Veshchestvakh, Poyavlyayushchikhsya v Krovi  
Zhivonnykh Posle Vozdeistviya Ioniziruyushchei  
Radiatsii). [1961] 1p.  
Order from OTS or SLA \$1.10

61-28666

Partial trans. (conclusions, p. 451) of [Akademiya  
Nauk SSSR Institut Genetiki. Trudy, 1958, v. 24,  
p. 446-451.

DESCRIPTORS: \*Animals, \*Radiation effects, \*Blood,  
Toxic.

(Biological Sciences - Radiobiology, TT, v. 7, no. 4)

61-28666

I. Kuznetsova, N. N.

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Kushner, Kh. F. and Krizhe, B.  
EXPERIMENTAL RECIPROCAL CROSSING OF CON-  
TRASTING VARIETIES OF CHICKENS. [1961] 19p.  
Order from ATS \$25.95      ATS-CONSIR

Tran. of Akademiya Nauk SSSR. Inst[itu] Genet[Biol].  
Trudy, 1960, v. 27, p. 154-173.

DESCRIPTORS: \*Chickens, \*Genetics.

ATS REF-5505

(Biological Sciences--Zoology, TT, v. 6, no. 1)

61-22375

- I. Title: Hybrids
- I. Kushner, Kh. F.
- II. Krizhe, B.
- III. ATS-CONSIR
- IV. Associated Technical  
Services, Inc.,  
East Orange, N. J.

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The Effect of Irradiation of Wheat Endosperms  
on the Growth and Development of the Plants,  
by L. M. Fonshtein.  
RUSSIAN, per, Trudy Inst Genetik, Ak Nauk  
SSSR, No 28, 1961, pp 153-157.  
CPSTT TT 65-50024

Sci - Agri  
Jun 66

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Testing the Root-knot Nematode as a  
Possible Vector of Cucumber Virus 2,  
by A. M. Vovk and A. V. Andronova.  
RUSSIAN, per, Trudy Instituta Genetika,  
Akad Nauk SSSR, 1961, Vol 28, pp 277-282.  
NLL RRS 2467 (On Loan or Purchase)

Aug 65

286,988

CEA-tr-R-1632      Uncl. Kuss

DIMINUTION DE L'EFFET NUISIBLE DES RAYONS  
GAMMA DU  $^{60}\text{Co}$  SOUS L'INFLUENCE DE L'ACIDE  
GIBBERELLIQUE ET DES SELS POTASSIQUES.

(Diminution of the Harmful Effects of  $\text{Co}^{60}$   
Gamma Radiation Under the Influence of  
Gibberellic Acid and Potassium Salts).

M. M. Tutchakova (Touchniakova). Translated  
into French from Tr. Inst. Genet., Akad. Nauk  
SSSR, 28: 158-62(1961). 15p. 9203633

Radiobiology; Translations      MC-46

C-48    NP    NSA      Dep.(mc); \$1.60(fs), \$0.80(mf)  
JCL or OFS-762-23490

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Transactions of the Institute of Genetics, 743 pp.  
RUSSIAN, 1962, Trudy Instituta Genetiki, No 29,  
1962, pp 5-471. 9695361  
FTD-TT-63-662

Sci - Biol & Med Sci  
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Distant Hybridization in Strawberry, by  
G.N. Shangin-Berezovskii.  
RUSSIAN, per Truday Inst. Genet, No. 30,  
1963, pp 321-356  
NLL/RTS 2768 - 40s0d

Sci -  
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337-535

62-33421

Salavadze, B. K. and Abakelia, M. S.  
RESULTS OF A GEOLOGICAL INTERPRETATION OF  
GRAVIMETRIC OBSERVATIONS IN THE  
AKHALTSIKHE COAL FIELD [AND] THE PROBLEM  
OF THE KYURDAMIR GRAVITY RIDGE IN  
TRANSCAUCASIA. [1962] [126]p. 128 refs. ACIC G-16.  
Order from OTS or SLA \$10.10 62-33421

Trans. of Akademiya Nauk Gruzinskoi SSR, Tiflis.  
Institut Geofiziki. Trudy, 1939, v. 4, p. 97-108 and  
1947, v. 10, p. 125-191.

DESCRIPTORS: \*Geological survey, \*Gravity anom-  
alies, \*Gravity, Coal, Deflection, Seismic waves,  
Geodesics, Geophysical prospecting.

(Earth Sciences--Geology, TT, v. 9, no. 9)

- I. Title: Transcaucasia
- I. Salavadze, B. K.
- II. Abakelia, M. S.
- III. Title: Problem ...
- IV. ACIC G-16
- V. Aeronautical Chart and  
Information Center,  
St. Louis, Mo.

Office of Technical Services



62-16672

Skuridin, G. A.  
 APPROXIMATE SOLUTION OF THE PROBLEM OF  
 DIFFRACTION OF A PLANE ELASTIC LONGITUDINAL  
 WAVE RELATIVE TO A HORIZONTAL FAULT  
 (Priblizhennoe Resheniye Zadachi Difraktsii Ploskoi  
 Prugoi Pradol'noi Volny Otnositel'no Gorizontal'nogo  
 Sbrossa). (1962) 28 p. (foreign text included) 7 refs.  
 Order from OTS or SLA \$2.60 62-16672

I. Skuridin, G. A.

Trans. of Akademiya Nauk Gruzinskoi SSR (Tbilisi)  
 Institut Geofiziki, Trudy, 1955, v. 14, p. 79-90.

DESCRIPTORS: \*Mechanical waves, Elasticity, \*Dif-  
 fraction, Propagation, Wave analysis, Numerical  
 analysis, Geophysics, Seismic waves, Geophysical  
 prospecting.

The present work is devoted to the theoretical study of  
 the diffraction of elastic waves from a horizontal fault,  
 the qualitative investigation of the approximate solution  
 (Physics--Wave Propagation, IT, v. 9, no. 4) (over)

Office of Technical Services

TT-63-24346

Kosygin, Yu. A.  
 TYPES OF BASIC STRUCTURAL ELEMENTS OF  
 EARTH'S CRUST IN LATE PRECAMBRIAN (Tipy  
 osnovnykh strukturnykh elementov Zemnoi Kory v  
 pozdnem [pokembrii]. D. Shalikashvili, tr. Jun 63 [23p]  
 GORETS ACIC TC-633.  
 Order from OTS, SLA, or BTC \$2.60 TT-63-24346

Trans. of [Akademiya Nauk SSSR, Institut Geologii  
 i Geofiziki, Neftekhimika. [Trudy] 1960, no. 1, p. 16-25.  
 (Abstract available)

DESCRIPTIONS: \*Structural geology, \*Lithosphere,  
 Stratigraphy, Petrology, Geology.

The problem of Precambrian shields, pericratonic sub-  
 sidence, orogeo-synclines as basic types of structural  
 elements of earth's crust in Precambrian are analyzed.  
 Precambrian shields and pericratonic subsidence are  
 regarded as a part of ancient platforms. Certain  
 (Earth Sciences--Geology, TT, v. 11, no. 3) (over)

- I. Title: Precambrian
- I. Kosygin, Yu. A.
- II. ACIC TC-633
- III. Aeronautical Chart and  
 Information Center,  
 St. Louis, Mo.

Office of Technical Services

A Collection of Articles on Dynamic Meteorology,  
by I. Ya. Kibel, 228 pp.

RUSSIAN, per, Trudy Institut Geofiz Ak Nauk  
SSSR, No 37, [163], 1960.

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Sci  
10 Mar 62  
Vol 4, No 4

R-6891-D/2  
6 April 1966

Several theoretical problems in the formation and  
movement of snow avalanches

By: D. N. Gongadze

From: Trudy instituta geofiziki Akademii Nauk Gruzinskoi  
SSR, 13:161-174, 1954 ( 14 pp)

Russian - est for wds:

Type 1 original copy only. Document may be cut for  
paste-up.

Magnetic ~~Properties~~ Properties of Rocks in of  
Armenia, by Ts. O. Akopian.

RUSSIAN, per, Trudy Inst Geofiz Ak Nauk Gruzinskoy  
SSSR, Vol XIV, 1955, pp 61-75.

Dept of Interior  
US Geological Survey  
Denver Branch Lib,  
Denver, Col

Sci - Geophysics  
Jan 61

136,068

Contribution to the Study of the Leading  
Characteristics of Geomagnetic Storms with  
Sudden Commencements, by G. P. Berishvili,  
15 pp.

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Institute Geofiziki, Vol XVI, 1971, pp 39-51.

Amer Meteorol Soc  
AF Cambridge Res Center

Sci - Geophysics

May 60

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THE CLIMATE OF CENTRAL ASIA, BY E. M. MURZAYEV.  
RUSSIAN, PER, TRUDY INST GEOG MOSCOW, AK NAUK,  
1958, PP 119-143.

NLL M. 3757

SCI - GEOPHYS

OCT 62

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CENTRAL ASIA-GLACIATION, BY E. M. MURZAYEV.

RUSSIAN, PER, TRUDY INST GEOG MOSCOW, AK ~~AM~~  
NAUK, 1958, PP 148-166.

NLL M. 3758

SCI - GEOPHYS

OCT 62

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in the Progress of Operations of the Novaya-Zemlya  
Expedition of the Academy of Sciences in the Summer of  
1925, by M. A. Lavrova.

RUSSIAN, per, Trudy Geolog Inst, Ak Nauk SSSR, Vol I,  
1931, pp 1-24.

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On the Oxidation of Cinnabar, by A. A. Sazonov,  
and H. K. Gidim'yan, 7 pp.

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Nauk, No 39, Nov 8, 1940. p 37-40.

SIA N 1609

Sci

Jul 58

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Agency:

U.S. Army Cold Regions Res. Lab.

P. I. No.:

72-T-25

R-14324-B

19 Jan. 72

Title:

Mekhanicheskie protsessy v tverdom i  
zhidkom i v nizhnem zhidkom fazy (mechan-  
ical processes in solids during the presence  
of the liquid phase).

Author:

Fedotov, A. S.

Source:

Trudy Instituta Geologicheskikh Nauk  
35(6):1-42, 1960.

Language:

Russian

Spec. Instr.:

Please translate &amp; type 1 copy

Title Unknown, by N. M. Strakhov.  
RUSSIAN, per, Trudy Instituta Geolo-  
gicheskikh Nauk, Vol 73, No 22,  
1947.

Dept. Int. Lib.

G(S70) Acl22g2iF vyp. 73

Sci/MGM

Aug 65

288,714

TT-64-15096

Mikhailov, N. P.  
UPPER CRETACEOUS AMMONITES IN THE  
SOUTHERN EUROPEAN PART OF THE U.S.S.R. AND  
THEIR PLACE IN THE ZONAL STRATIGRAPHY  
(Verkhnelelovye Ammonity Yuga Evropeiskoi Chast.  
SSSR i ikh Znachenie dlya Zonal'noi Stratigrafi)  
I. Mittin, tr. 1961 [11p]  
Order from GTS, SIA, or ETC \$9.60 TT-64-15096

I. Mikhailov, N. P.  
II. Geological Survey.  
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Partial trans. (excerpt) of [Akademiya Nauk SSSR].  
Institut Geologicheskikh Nauk. (Trudy) 1951,  
no. 129, (Geologicheskaya Seriya no. 50, p. 34-40,  
44-54, 81-103).

(Earth Sciences--Geology, TT, v. 11, no. 11)

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Recent Sediments and Geology of the Lake Balkhash  
by D. G. Sapozhnikov.

RUSSIAN, per, Trudy Ak Nauk SSSR, Inst Geol Nauk, Vol  
CXXII, Ser Geol, No 53, 1979.

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Sci - Geophysics  
Sep 60

River-Bed Alluvium of Plains, Chapter III, by  
B. V. Shantser.

RUSSIAN, per, Trudy Inst Geolog Nauk Ak Nauk  
SSSR, Vol CXXXV, No 55, 1951, pp 39-53.

NLL RTS 2303  
(loan copy)

Shl 64

63-13869

Lipina, O. A.  
FORAMINIFERA OF THE TOURNAISIAN STAGE AND  
UPPER PART OF DEVONIAN OF THE VOLGA-URAL  
REGION AND WESTERN SLOPE OF THE CENTRAL  
URALS (Foraminifery Turneiskogo Yarusy i Verkhnei  
Chasti Devonu Volgo-Ural'skoi Oblasti i Zapadnogo  
Skлона Srednego Urala), tr. by Ivan Mitin. 1961 [9] p.  
2 refs.

Order from CTS or SLA \$1.10 63-13869

Partial transl. excerpts of Akademiya Nauk SSSR,  
Institut Geologicheskikh Nauk. [Trudy  
Geologicheskaya Seriya, 1955, no. 163(70), p. 53,  
59-61, 76-77.

DESCRIPTORS: Geology, \*Paleoecology, Deposits,  
\*Foraminifera.

(Earth Sciences- Geology, TT, v. 9, no. 12)

- I. Lipina, O. A.
- II. Geological Survey,  
Denver, Colo.

Office of Technical Services



Velocities and Depths Determined by  
Simultaneous Use of Holographs of  
Purely Longitudinal Waves and of One  
of the Types of Refracted Composite  
Waves, by E. G. Kogovnichenko, 11 pp.  
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1958, pp 120-129.  
OTS-TT 64-11091

Sol - Chem

Min. RS

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The Ordovician Stratigraphy of the Chu-  
Ilyyskiye Mountains, by B. M. Keller.

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Ak Nauk SSSR, Vol X, 1956.  
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Sci - Geophys

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Aug 62

62-17230-11

INTERNATIONAL GEOLOGY REVIEW, VOL. 4,  
NO. 11, P. 1175-1300. Nov 62, 1v. 156 refs.  
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Akademiya Nauk SSSR. Okeanograficheskaya Komis-  
siya. Trudy, 1961, v. 8, p. 125-128; [Chishitsu  
Chowjo Geppo] (Japan) 1960, v. 11, no. 12, p. 23-25;  
Sovetskaya Geologiya (USSR) 1961, no. 5, p. 16-38,  
59-76, 96-109, 134-138.

DESCRIPTORS: \*Geology, Periodicals, Stratigraphy,  
Models (Simulations), Hydraulic research, Well  
drilling, Geophysics, Indexes, Iron, Ores, Airborne,  
Geophysical prospecting, Minerals.

(Earth Sciences - Geology, TT, v. 10, no. 4) (over)

I. American Geological Inst.,  
Washington, D. C.

Office of Technical Services

Ordovician Gastropods of the Chu-Ili  
Mountains, by V. A. Vostokova, 6 pp.

RUSSIAN, per, Trudy Ak Nauk SSSR, Geol Inst,  
Vol I, 1956, pp 169-172.

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S21 - Geophys

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RUSSIAN, per, Trudy Geologicheskogo Instituta  
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Sci - Geophya  
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Stratigraphic Interpretation of Cenozoic Gymnosperm  
Floras, The Pavlodar Section of the Irtysh Valley  
and the Northern Cis-Aral, by Ye. D. Zaklinskaya,  
144 pp.

RUSSIAN, per, Transactions of the Geologic  
Institute, The Academy of Science, USSR, 1957,  
1957.

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Sci - Geology

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On the Problem of the Classification of  
Chronic Anomalies, by I. A. Balashov  
Nauch

TRUSSARD, J. J., Early East Coast/Al: Mark Palmer  
BSE, Vol I, 1955, pp 108-113.

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No. 61.

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Technics of the Territories of the Ukrainian and  
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Sci - Earth Sci & Astron  
Sept 64

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Velocities and Depths as Determined With Joint Use of  
Time-Distance Curves for the Purely Compressional and  
For One of the Interchangeable Types of Refracted Waves,  
by Ye. V. Korovnichenko, 11/11

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Sci  
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Some Additional Data on the Study of Ordovician  
Straptelamids in Estonia, by D. L. Kaljo.

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Sci. - Geophysics

Aug 62

Platystrophia sp. a & b, by M. P. Rubel.

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207,309

Sci - Geophya

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SAKHOV, A. A. and AIDIN'YAN, N. K.  
Z-1609. On the oxidation of cinnabar. Akad.  
Nauk SSSR, Seriya inest. geol. Nauk, no.39, no.8,  
p.37-40, 1948. (7p.)

facies of Limy Dolomites of the Contemporary  
and Old Water Bodies; Experience of Compara-  
tive and Lithological Experiments, by N. M.  
Strakhov, 10 pp.

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logical Sciences, Ed 124, Geol Series, No  
15, 1951.

SLA R-2770

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Aug 58

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Materials and on the Study of Calcite-Water  
Systems, by F. V. Syromyatnikov, 12 pp.

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pp 221-229.

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Sci - Earth Geophys

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Recent Sediments and Geology of the Kizil  
Lake Dikhash, by D. G. Sapozhnikov.

RUSSIAN, per, Trudy Inst Geolog Nauch Ak Nauk  
SSSR, Vol CXXXII, No 53, 1951.

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Denver Branch Library  
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Sci - Geophysics

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(NY-6422)

Bottom Deposits and Processes of Sediment Forma  
tion in the Aral Sea, by N. G. Brodskaya, 148 p

RUSSIAN, monograph,

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JPRS 9885

Sci - Geophys

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Geochemistry and Lithology of the Paleozoic  
Sedimentary Rocks Problematical Round Carbonate  
Structures, by V. P. Maslov, 12 pp.

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No 155, 1955, pp 156-164.

Assoc Tech Sv  
Tr RJ-561

Sci - Geophysics  
Sci Jun 57  
CIA/FDD X-2448

48, 677

(Excerpt) Fossil Calcareous Algae of the USSR, by  
V. P. Maslov,

RUSSIAN, per, Trudy Inst Geol Nauk Ak Nauk SSSR,  
No 160, 1956, pp 82-84.

AMS RJ-1556

Sci  
May 59

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62-17230-3

I. American Geological Inst.,  
Washington, D. C.

INTERNATIONAL GEOLOGY REVIEW. VOL. 4, no  
NO. 3, P. 253-378. Mar 62, 1v. 276 refs.  
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Institut. Trudy, 1957, v. 6, p. 13-38 and 179-184;  
Prirada, 1961 [v. 50] no. 1, p. 41-50; Zakonomernosti  
Razmeshch. nulya Poleznykh Iskopaemykh (USSR) 1959,  
v. 2, p. 8-91, 110-135, 332-350; Izvestiya Vysshikh  
Uchebnykh Zavedenii. Geologiya i Razvedka (USSR) 1960  
[v. 3] no. 13, p. 88-97; and mono. Sovremennye  
Osnovy Kaspiiskogo Morya, Moscow, 1956, p. 7-36.

DESCRIPTORS: \*C ology, Periodicals, Geochemistry,  
Copper, Uranium, Ores, Diamonds, Deposits,  
Geophysical prospecting, Aral regions, Paleoecology,  
Geography, Sedimentation, Caspian Sea.

(Earth Sciences--Geology, TT, v. 8, no. 4)

Office of Technical Services

Phenomena of Recrystallization and Metasomatism in  
Acid Extrusive Rocks at the Contact With East  
Kounard Granite. Intrusion (Central Kazakhstan),  
by S. V. Efremova, 20 pp.

RUSSIAN, par, Trudy Ak Nauk SSSR, Ser Geol, No 21,  
1958, pp 170-186.

Library of Geological  
Survey of Canada

153, 633

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62-17230-4

INTERNATIONAL GEOLOGY REVIEW, VOL. 4,  
NO. 4, P. 379-504 Apr 62, 1v. 140 refs.  
Order from AGI \$31.00, \$55.00/year

I. American Geological Inst.,  
Washington, D. C.

Trans. of Akademiya Nauk SSSR. Geologicheskii  
Institut. Trudy, 1959, v. 23, p. 5-17; Zakonomernosti  
Razmeshcheniya Poleznykh Iskopayemykh (USSR) 1959,  
v. 2, p. 183-208; Sovetskaya Geologiya (USSR) 1961,  
no. 1, p. 49-61, 91-108, 121-127, 142-145; [Chislit-  
sugaku Zasshi] (Japan) 1959, v. 65, no. 761, p. 71-79.

DESCRIPTORS: Geology, Periodicals, Geochemistry,  
Rock, Paleogeology, Copper, Iron, Sand, Geography,  
Water, Transport properties, Lead, Zinc, Geophysical  
prospecting, Seismic waves, Piezoelectric effect,  
Caspian Sea, Marine animals, Metals.

(Earth Sciences--Geology, TT, v. 8, no. 5) (over)

Office of Technical Services

62-17748

Reitlinger, E. A.  
ATLAS OF MICROSCOPIC ORGANIC REMAINS AND  
PROBLEMATICA OF ANCIENT DEPOSITS OF  
SIBERIA. [1962] 74p.  
Order from ATS \$37.50                      ATS-79N57R

Trans. of Akad[emiya] Nauk SSSR. Geol[ogicheski]  
Inst[itut]. Trudy, 1959, v. 25, p. 1-62.

DESCRIPTORS: \*Paleoecology, \*Microorganisms, De-  
posits, Siberia.

(Earth Sciences--Geology, TT, v. 8, no. 8)

- I. Reitlinger, E. A.
- II. ATS-79N57R
- III. Associated Technical  
Services, Inc., East  
Orange, N. J.

Office of Technical Services

61-27735

Nikiforova, K. V. and Alekseeva, L. L.  
 THE BORDER LINE OF THE TERTIARY AND  
 QUATERNARY STAGES ACCORDING TO DATA OF  
 THE MAMMAL FAUNA. 28 June 61. 29p. (2 tables  
 omitted) 512 fs.

Order from UTS or SLA \$3.60

61-27735

I. Nikiforova, K. V.  
 II. Alekseeva, L. L.  
 III. Geological Survey of  
 Canada

Trans. of [Geologicheskii Nauch. SSSR. Geologicheskii  
 Institut. Trudy] 1960. v. 32. p. 7-21.

DESCRIPTORS: Geology, \*Mammals, \*Animals,  
 \*Paleontology, \*Stratification.

(Earth Sciences - Geology, 720. v. 8, no. 2)

Order from UTS or SLA

61-27736

Lamakin, V. V.  
THE STRATIGRAPHIC DIVISION OF THE  
QUATERNARY SYSTEM OF THE BAIKAL ZONE.  
20 June 61 (44 p. (7 tables; 10 figs. omitted) 13 refs.  
Order from OTS or SLA \$4.60 61-27736

Trans. of Akademiya Nauk SSSR. Geologicheskii  
Izvestiya. Trudy, 1959, v. 32, p. 45-78.

DESCRIPTORS: \*Geology. \*Stratification, \*Sedimenta-  
tion, \*Paleogeology, Geological survey, Glaciers,  
Pollen, Spores.

- I. Title: Baikal zone
- i. Lamakin, V. V.
- II. Geological Survey of  
Canada:

(Earth Sciences - Geology, TT, v. 8, no. 2)

Office of Technical Services



Chepikov, K. R., Ermolova, E. P., and  
Orlova, N. A.

EPIGENETIC MINERALS IN ARENACEOUS ROCKS  
OF PRODUCING HORIZONS AND THEIR EFFECT  
ON RESERVOIR PROPERTIES (REGION OF THE  
SECOND BAKU). [1962] [17]p. 13 refs.

Order from OTH or SLA \$1.60

62-20301

Trans. of Akademiya Nauk SSSR. Institut Geologii i  
Razrabotki Gor. uchikh Iskopaemykh. Trudy, 1960,  
v. 1, p. 240-246.

DESCRIPTORS: Rock-forming minerals, \*Minerals,  
\*Rock (Geology), Permeability, Petroleum, Sources,  
Quartz, Sandstone, Silt, Carbonate minerals, Stra-  
tigraphy, Geology.

This article presents the results of the investigation  
of epigenetic minerals in monomineral quartz sand.  
(Earth Sciences--Mineralogy, TT, v. 9, no. 9) (over)

62-20301

I. Chepikov, K. R.  
II. Ermolova, E. P.  
III. Orlova, N. A.

Office of Technical Services

Arkhipov, N. S.

THE QUATERNARY SEDIMENTS OF THE WESTERN  
MARGINAL PART OF THE SIBERIAN PLATFORM  
WITHIN THE AREA BETWEEN THE YENISEI,  
NIZHNYAYA TUNGUSKA AND BAKHTA RIVERS,  
THEIR GENESIS AND STRATIGRAPHIC POSITION.

24 July 61, 25p. 28 refs.

Order from OTS or SLA \$2.60

61-27737

Trans. of [Akademiya Nauk SSSR. Geologicheskii  
Institut. Trudy] 1959, v. 32, p. 97-114.

DESCRIPTORS: \*Geology, \*Geogony, \*Sedimentation,  
Rocks, Glaciers, Paleocology, Siberia.

(Earth Sciences--Geology, IT, v. 8, no. 5)

61-27737

I. Title: Quaternary sediments

I. Arkhipov, N. S.

II. Geological Survey of  
Canada

Office of Technical Services

61-27738

Lavrushin, Yu. A.  
 THE STRATIGRAPHY OF THE QUATERNARY  
 SEDIMENTS IN THE RIVER VALLEY OF THE  
 MIDDLE TURUKHAN. 8 June 61. 27p. 17 figs.

omitted 29 refs

Order from ITS at SEA \$2.00

61-27738

Trans. of Irkutsk. Nauch. SSSE. Geologicheskii  
 Institut. 1961. v. 32. p. 122-137.

DESCRIPTION: \*Geology, \*Sedimentation, \*Stratification,  
 Geological Survey, Rock, Sand, Soil, Clastic  
 \*Paleogeology

I. Title: Turukhan river basin.  
 I. Lavrushin, Yu. A.  
 II. Geological Survey of  
 Canada

(Earth Science - Geology, TT, v. 8, no. 2)

Office of Technical Services

Cambrian in the Western Part of Eastern  
Sayan. Excerpt from Pre-Cambrian and Lower  
Paleozoic Stratigraphy of Western Portion of  
Eastern Sayan, by V. V. Khomentovsky, 170 pp.

RUSSIAN, per, Trudy Ak Nauk SSSR, Geologicheskii  
Institut, Vol. IV, 1960, pp 71-149, 171-174.

Dept of Interior  
QE3 E57 No 51

Sci -- Geophys

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Sep 61

Permian Flora of the Pechora Basin. Part I,  
Lycopodiales and Ginkgoales, by M. P. Heiburg.

RUSSIAN, per, Trudy Ak Nauk SSSR Geologicheskogo  
Insti, Vol XLIII, 1961.

Dept of Interior  
QE3 E57 No 60

175,988

Sci - Geophysics

Dec 61

(Excerpt) Foraminifera of the Tournaisian Stage  
and Uppermost Devonian of the Volga-Ural Region  
and Western Slope of the Central Urals, by O. A.  
Lipina.

RUSSIAN, per, Trudy Inst Geol Nauk, Geol Ser Ak  
Nauk SSSR, No 163 (70), pp 3-17, 82, 83.

ITS 40K25R  
MS BJ-1555

Sci  
May 59

87, 274

60-23750

S. I. Lazarev, D. G.  
 RECENT SEDIMENTS AND GEOLOGY OF THE LAKE  
 BALKHASH: DEPOSITION OF CARBONATES IN LAKE  
 BALKHASH: GENESIS OF CARBONATES IN LAKE  
 BALKHASH (Sobremennyye Osadki i Geologiya Ozero  
 Balkhash). [1961] [30]p.  
 Order from LC or SLA m\$3.00, ph\$6.30 60-23750

Trans. of Akademiya Nauk SSSR, Institut  
 Geologicheskikh Nauk, Trudy, 1951, no. 132.  
 Geologicheskaya Seriya, no. 53, p. 158-171.

A review of the process of the deposition of carbonates  
 in Lake Balkhash indicates that the dolomitic sediments  
 settle down directly from water as a result of a spe-  
 cific hydrochemical regimen of the basin as a whole,  
 and chiefly of its eastern sections.

(Earth Science) Geology, 11, v. 5, no. 2)

- I. Limnology--Siberia
2. Geology--Siberia
- I. Sedimentation--D.C.
- II. Title: Deposition...
- III. Title: Genesis...

142,850

Office of Technical Services

The System of Carbonate Equilibria (Dolomite,  
Magnesite), by A. V. Kazakov, et al. UNCL

RUSSIAN, per, Trudy Inst Geol Nauk Ak Nauk SSSR,  
No 152, Geol Ser, No 64, 1957, pp 13-58.

ATS RJ-1836

Sci - Geophys  
Jan 60

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The Nature of Some Gravity Anomalies in the Dnepr-Dnests Depression, by S. I. Subbotin.

RUSSIAN, per, Trudy Inst Geolog Nauk, Ak Nauk Ukrain  
Sov, Ser Geofiz, No 2 1958, pp 3-14.

ACIC

Sci - Geophys

Lot 62

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Gravitational and Magnetic Anomalies of the Pripyat'  
Depression and Their Relationship With the Geological  
Structure, by T. S. Lebedev.

RUSSIAN, per, Trudy Inst Geolog Nauk, Ak Nauk Ukrain  
SSR, Ser Geofiz, No 2, 1958, pp 27-42.

ACIC

Sci - Geophys

Oct 62

215,888

Certain Features of the Geomagnetism and Gravity Anomaly  
Fields of the Central Portion of the Black-Sea Depression  
and Their Geological Interpretation, by M. F.  
Kopichenko.

RUSSIAN, per, Trudy Inst Geol. Nauk, Ak. Nauk Ukrain  
SSR, Ser Geofiz, No 2, 1958, pp 62-68.

ACIC

Sci - Geophys

Oct 62

A12,889

Possible Values of Gravity Anomalies in Various  
Structures of the Earth's Crust, by P. Ya. Calushko.

RUSSIAN, per, Trudy Inst Geolog Nauk, Ak Nauk Ukrain  
SSR, Ser Geofiz, No 2, 1958, pp 79-93.

ACTC

Sci - Geophysics

Oct 62

215,891

Possibilities of the Use of the Grid Method for the Interpretation of the Anomalies of the Horizontal Gravity Gradient, by A. A. Yunkov, Ye. G. Bulakh.

RUSSIAN, per, Trudy Inst Geolog Nauk, Ak Nauk Ukrain SSR, Ser Geofiz, No 2, 1958, pp 94-97.

ACTC

Sci - Geophys

Oct 62

215, 890

Equilibrium Systems of Hydroxides and Oxides of Iron  
in Solutions of Its Chlorides and Sulfates, by A. V.  
Kazakov, E. I. Sokolova, A. Z. Vainshtein, 36 pp.  
UNCLASSIFIED

RUSSIAN, per, Trudy Instituta Geologicheskikh Nauk,  
Akademiya Nauk SSSR, Geologicheskaya Seriya, No  
152 (64), 1957, pp 72-92. 9676669

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NRL/T37

Sci - Chem, Phys

Sep 59

CIA/FOUO X-2451

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96,199

Materials on Genetic and Experimental  
Mineralogy, Vol II. by V. S. Sobolev.  
RUSSIAN, per, Trudy Inst Geol i Geofiz, No 30,  
pp 97-168, 1964.  
NASA TT F-8774

294,238

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Sci-M/M /E. Sci  
Jan 66

Rozova, A. V.  
UPPER CAMBRIAN SALAIRIAN TRILOBITES  
(TOLSTOCHIKHIN SUITE) (Verkhnekambriiskie  
Trilobity Salaira (Tolstochikhinskaya Svita)) tr. by Ivan  
Mittin. 1961 [35] p. 108 refs. Geological Survey no. 96.  
Order from OTS or SLA \$3.60 62-32145

Trans. of Akademiya Nauk SSSR. Institut Geologii  
i Geofiziki, Novosibirsk. (Trudy) 1960, no. 5,  
p. 80-96.

DESCRIPTORS: \*Paleoecology, \*Arthropods, Lime-  
stone, Geology.

(Earth Sciences--Geology, TT, v. 10, no. 5)

62-32145

- I. Title: Trilobites
- I. Rozova, A. V.
- II. GS-96
- III. Geological Survey,  
Denver, Colo.

Dept / Int  
GE 3 E 57 no 92

Office of Technical Services



Mineralogical Composition of Sedimentary Rocks  
and Coefficients of Mineral Stability, by M. P.  
Baskakov.

RUSSIAN, per, Trudy Inst Geol Akad Nauk R Uzbek  
SSR, No 9, 1953, pp 109-114.

ATS RJ-1353

Sci - *Geophysics*

Jul 59

90,717

(NY-6033)

Physicochemical Investigations of Barium and Iron  
Titanates, by N. I. Shchepochina, 96 pp.

RUSSIAN, paper, Trudy Instituta Geologii Rudnykh  
Mestorozhdeniy, Petrografii, Mineralogii i  
Geokhimi, No 11, pp 1-62.

JPRS 9645

Sci - N/Metals - Chem

Aug 61

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161053

62-16421

Ovchinnikov, L. N. and Shur, A. S.  
RESEARCH OF INFILTRATION SOLUTIONS UNDER  
PRESSURE (Issledovanie Infil'tratsii Rastvorov pod  
Davlениem) [1962] [59]p. (foreign text included)  
12 refs.

Order from OTS or SLA \$5.60

62-16421

I. Ovchinnikov, L. N.  
II. Shur, A. S.

Trans. of Akademiya Nauk SSSR. Institut Geologii  
Rudnykh Mestorozhdenii, Petrografii, Minealogii i  
Geokhimii. Trudy, 1956, no. 6, p. 57-72.

DESCRIPTORS: \*Geochemistry, Solutions, Metals,  
\*Porous filters, Marble, Semipermeability, Pres-  
sure, Ion exchange

With the aid of special apparatus, the filtration effect  
was studied for the solutions  $\text{CuSO}_4$ ,  $\text{CaSO}_4$ ,  $\text{MgSO}_4$ ,  
 $\text{MnSO}_4$ ,  $\text{NiSO}_4$ ,  $\text{Na}_2\text{SO}_4$ ,  $\text{CaCl}_2$ , and  $\text{NaCl}$ , filtrating  
through a marble filter under a pressure of 2, 4, 6,  
and 8 atm. With an increase in pressure there is also  
(Chemistry-Physical, TT, v. 8, no. 9) (over)

Office of Technical Services

Ol'shanski, Ya. I. and Ivanenko, V. V.  
MECHANISM OF THE TRANSFER OF SUB-  
STANCES IN THE FORMATION OF HYDROTHER-  
MAL SULFIDE DEPOSITS [Mekhanizm Perenosa  
Veshchestv pri Obrazovanii Gidrotermal'nykh  
Mestorozhdenii Sulfidov]. [1961] [116p. (31 figs.  
19 tables omitted) 4 refs.  
Order from OTS or SLA \$9.60

61-15963

Trans. of [Akademiya Nauk SSSR, Institut Geologii  
Rudnykh Mestorozhdenii, Petrografii, Mineralologii i  
Geokhimi. Trudy] 1958, no. 16, 76p.

DESCRIPTORS: Solubility, \*Sulfides, Solutions,  
Temperature, Geology, Hydrology, Crystallation.

Experimental investigations were made on the solu-  
bility of the principal sulfides in aqueous solutions at  
different temperatures. It was confirmed that the:  
(Earth Sciences--Geology, TT, v. 7, no. 8) (over)

61-15963

I. Ol'shanski, Ya. I.  
II. Ivanenko, V. V.  
III. Geological Survey of  
Canada

201394

Office of Technical Services

61-19564

TRANSACTIONS OF THE INSTITUTE OF GEOLOGY  
FOR ORE DEPOSITS, PETROGRAPHY, MINERALOGY  
AND GEOCHEMISTRY. [1959] no. 28: [SELECTED  
ARTICLES]. [1961] 223p. (figs. tables omitted).  
Order from OTS or SLA \$15.00 61-19564

Trans. of [Akademiya Nauk SSSR, Institut Geologii  
Rudnykh Mestorozhdenii, Petrografii i Mineralogii i  
Geokhimiya] (Trudy) [1959] no. 28, p. 5-137 and  
142-143ff.

DESCR PTORS: \*Geology, \*Geochemistry, \*Minerals,  
\*Ores, \*Deposits, Salts, Selenium, Uranium,  
Garnet, Tin, Lead, Ethylenedinitrilo tetracetates,  
Acetates, Sodium, Complex compounds,  
Radiochemistry.

Content:  
Some problems of the geochemistry of the catagenesis  
(Earth Sciences--Geology, TT, v. 7, no. 2) (over)

1. Title: Trilon B
1. Geological Survey of  
Canada

155358

Office of Technical Services

Role of Studies of Structures of Ore Deposits and  
Physicomechanical Properties of Rocks in Determining  
Conditions of Localization of Endogenic Ores, by  
F. S. Vol'fson, L. I. Lukin. 7 pp.

RUSSIAN, per, Trudy Akad Nauk SSSR, Inst Geol  
Rudnykh Mestorozhdenii, Petrografii, Mineralogii i  
Geokhimii, No 41, 1961, pp 5-14.

AGI in International Geology Review, Vol 6, No 4,  
pp 589-595.

Sci/Earth Sci  
May 67

326,777

Principal Types of Structures in Ore Fields and  
Ore Deposits of the South Fergana Mercury-Antimony  
Belt, by V. P. Fedorchuk. 15 pp.

RUSSIAN, per, Trudy Akad Nauk SSSR, Institut  
Geologii Rudnykh Mestorozhdenii, Petrografii,  
Mineralogii i Geokhimii, No 41, 1961, pp 15-36.

AGI in International Geology Review, V 6, No 4,  
pp 596-611

Sci/Earth Sci  
May 67

326,754

On Certain Relationships in the Distribution of  
Rare Metal Pegmatite Fields, by A. I. Ginzburg.

8 pp.

RUSSIAN, per, Trudy Akad Nauk SSSR. Institut  
Geologii Rudnykh Mestorozhdenii, Petrografii,  
Mineralogii i Geokhimii, No 41, 1961, pp 37-47.

AGI in International Geology Review, V 6, No 4,  
pp 612-619

Sci/Earth Sci  
May 67

326,755



Structure of Kumba Gabbroid Massif and the Associated Magnetite Mineralization (Northern Urals),  
by E. V. Sveshnikova. 16 pp.

RUSSIAN, per, Trudy Akad Nauk SSSR. Inst Geol  
Rudnykh Mestorozhdenii, Petrografii, Mineralogii i  
Geokhimii, No 41, 1961, pp 48-66.

AGI in International Geology Review, Vol 6, No 5,  
pp 768-783.

Sci/Earth Sci  
May 7

326,773

A New Morphologic Type of Skarn Formation in the  
Tur'yinsk Copper Deposits, by G. S. Norshtein.

5 pp.

RUSSIAN, per, Trudy Akad Nauk SSSR. Institut Geologii  
Rudnykh Mestorozhdenii, Petrografii, Mineralogii i  
Geokhimii, No 41, 1961, pp 67-72.

AGI in Internat. Geology Review, V.6, No 5, pp 763-767

Sci/Earth Sci  
May 67

326,7650

Structural Features of the Shakhtamin Molybdenum  
Deposit, by V. I. Sotnikov. 10 pp.

RUSSIAN, per, Trudy Akad Nauk SSSR. Inst. Geol.

Rudnykh restorozhdenii, Peterografii, Mineralogii  
Geokhimi, No 41, 1961, pp 73-87.

AGI in International Geology Review, Vol 6, No 5,  
pp 789-798.

Sci/Earth Sci

May 67

326,771

Relative Elasticity of Rocks as a  
Controlling Factor in Ore-Deposition,  
by G. G. Kravchenko, 10 pp.  
RUSSEAN, per, Trudy Akademiya Nauk  
SSSR, Institut Geologii i Geofiziki  
Sovetskoi Akademii Nauk, Seriya  
Geologii, No 4, 1961, pp 150-156.  
NGI in International Geology Review,  
v. 6, no. 11, pp 1977-1986

336,290

Sci

Amr 5.77

Stratification of Sedimentary Rocks: Selected  
Parts., by L.N.Botvinkina.

RUSSIAN, per, Trudy Akad Nauk SSSR, Inst Geol  
Fud Mest. Petro, Miner i Geokhimii, 1962, no. 59,  
pp. 18-29-, 70-103.  
OTS-TT-64-19833

R. Sci  
Aug 66

308,630

The Content of Mercury in Certain Natural Waters,  
by N. Kh. Aydin'yan, 10 pp.  
RUSSIAN, per, Trudy Inst Geol Rudnykh  
Mestorozhdeniy, Petrograd, Mineralog. i Geokhim-  
Voprosy Geokhim, No 70 (III), 1962, pp 9-14.  
JPRS 23931

Sci - Ear Sci  
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253, 7269